

Title (en)
Roof-top air-conditioning system

Title (de)
Aufdach-Klimaanlage

Title (fr)
Installation de climatisation montée sur un toit

Publication
EP 1614558 A2 20060111 (DE)

Application
EP 05012529 A 20050610

Priority
DE 102004033352 A 20040709

Abstract (en)
The roof-mounted air conditioning system has a condenser chamber accommodating a condenser and at least one fan, and an evaporator chamber accommodating an evaporator and at least one fan. The housing (12) to accommodate these units is fastened to the roof of a vehicle. The housing has a lower shell (18) which supports the evaporator fan (32) and which forms a partition (30) between the evaporator chamber (36) and condenser chamber (24). A blow-out passage of the evaporator fan is formed between the lower shell and roof of the vehicle.

IPC 8 full level
B60H 1/00 (2006.01); **B60H 1/32** (2006.01)

CPC (source: EP)
B60H 1/00371 (2013.01); **B60H 1/00514** (2013.01); **B60H 2001/00235** (2013.01)

Citation (applicant)
• DE 3224895 A1 19840105 - WEBASTO WERK BAIER KG W [DE]
• DE 19714731 A1 19971113 - SCHULTZ GMBH AURORA [DE]
• DE 2757415 A1 19790405 - THERMO KING CORP

Cited by
CN106114134A; CN108045191A; CN103712305A; FR2966391A1; CN105946508A; WO2014009922A1; WO2014040983A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1614558 A2 20060111; EP 1614558 A3 20061018; DE 102004033352 A1 20060126

DOCDB simple family (application)
EP 05012529 A 20050610; DE 102004033352 A 20040709